

WE CLAIM:

1. A device for preventing the turbo-charger from over-running, comprising a turbo-charger having a turbine arranged in an exhaust gas passage of an internal combustion engine and a compressor arranged in an intake air passage of the internal combustion engine and is driven by said turbine, a waste gate valve arranged in a by-pass bypassing said turbine, and an actuator that has a positive pressure chamber communicated, via a boost pipe, with said intake air passage downstream of said compressor and a negative pressure chamber communicated with a source of negative pressure via a negative pressure pipe and operates said waste gate valve; characterized in that: said device comprises
 - a pressure adjusting valve arranged in said negative pressure pipe and for adjusting the pressure in said negative pressure chamber,
 - a pressure sensor for detecting the pressure in said negative pressure chamber,
 - an atmospheric pressure sensor for detecting the atmospheric pressure, and
 - a control means for controlling said pressure adjusting valve based on the detection signals from said atmospheric pressure sensor and said pressure sensor; and that:
 - said control means has a storage means for storing a target pressure in said negative pressure chamber, which corresponds to the atmospheric pressure, and controls said pressure adjusting valve so that the pressure in the negative pressure chamber becomes equal to said target pressure, based on the atmospheric pressure detected by said atmospheric pressure sensor and on the pressure in said negative pressure chamber detected by said pressure sensor.